

HEAT EXCHANGER FOR MEDICAL TREATMENT

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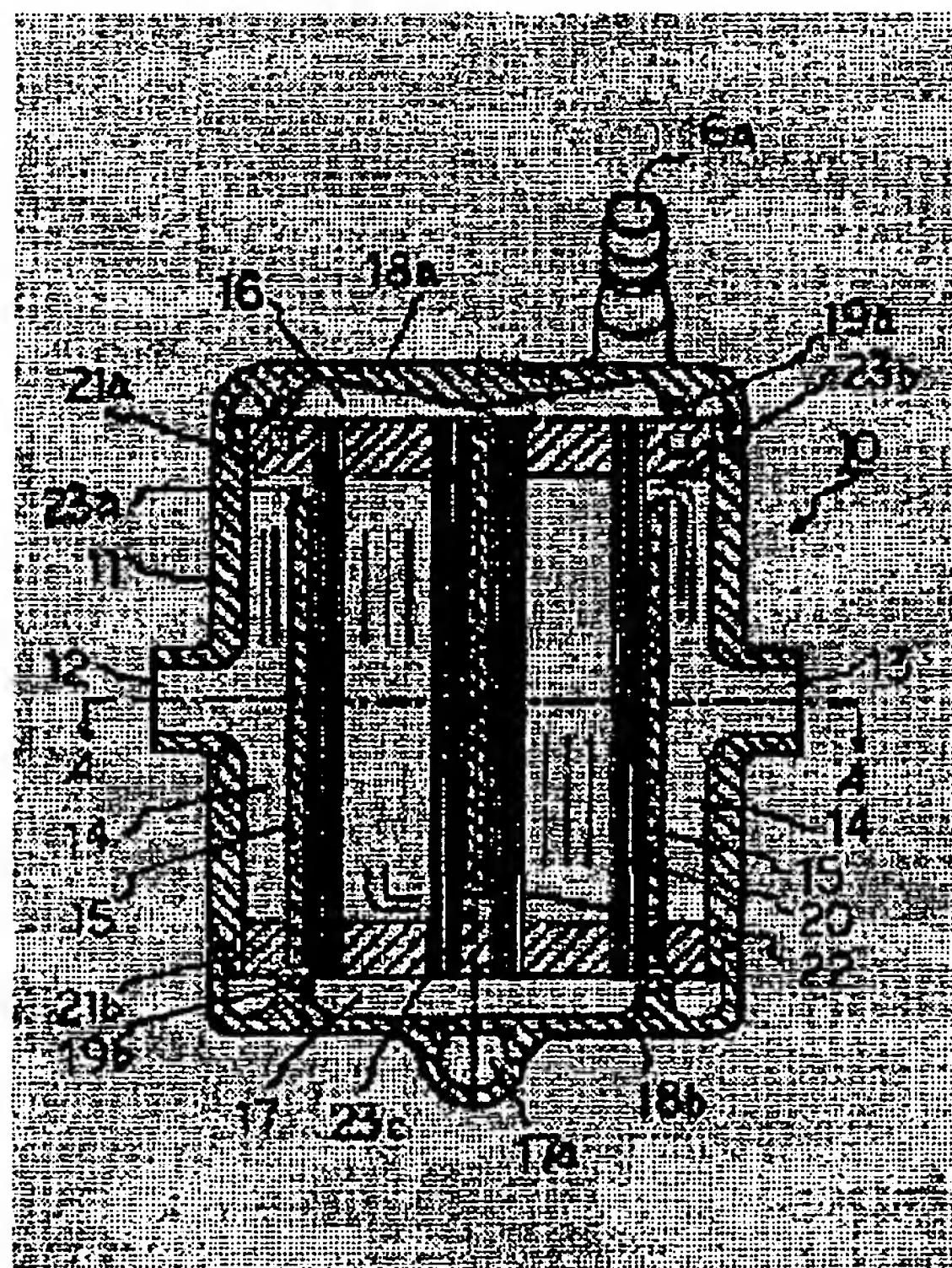
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Abstract of JP6086811

PURPOSE: To provide a heat exchanger for medical treatment which can be easily manufactured with high efficiency and low cost.

CONSTITUTION: A tubular housing 10 is composed of an outer tube 11 and an inner tube 15 disposed in the bore of the outer tube 11 leaving a cavity 14 therebetween to provide a double wall construction. While a plurality of thin pipes 20 for streaming second liquid are disposed in the inner tube 15, a partition plate 22 is provided in the longitudinal position in the housing 10. While gaps 23a, 23b are provided between an end of the inner tube 15 and seal part 21a on one end side of the housing 10, an end of the partition plate 22 is embedded in the seal part 21a. While the other end of the inner tube 15 is embedded in the seal part 21b on the other end side of the housing 10, seal parts 21a, 21c are formed to provide a gap 23c between a seal part 21b and the end of the partition plate 22 in the housing 10 so that a flow path for repetitively reciprocating a first liquid is formed in the housing 10.



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